

## REPORT OF THE MINERALOGICAL AND GEOLOGICAL SECTION.

The Director of the Mineralogical and Geological Section respectfully reports that nine meetings have been held during the year, besides six excursions to points of geological or mineralogical interest. The average attendance at the meetings has been eight members, on the excursions thirty-two.

Additions to the Academy's collection of mineral and geological specimens include many of interest, though in number not as great as in previous years.

An elaborate paper was read before the Section by Mr. John S. Ash on the Buckingham Fault, which elicited considerable discussion, participated in by Messrs. Lyman, Woolman and others. There were read also other papers on Arizona lignite, New Jersey gravels, and on various questions relating to the geology of Pennsylvania.

Mr. Frank J. Keeley exhibited a number of rock sections prepared by himself, and made remarks upon them, particularly upon their inclusions.

The first excursion was made to Langhorne and vicinity, for the examination of the New Red Rocks in that neighborhood, and to Van Artsdalen's quarry; the second and third to the vicinity of Yardley and New Hope, the fourth to Lodel creek, near Grater's ford on the Perkiomen, and to Skippack creek. At Lodel creek a slab was obtained showing ripple marks and reptilian and amphibian footprints. The fifth was to West Chester, where the cabinet of Mr. W. W. Jefferis was inspected and also Mr. Sharpless' collection of Indian relics, after which a number of localities in the vicinity were visited. The sixth excursion was to the fossil beds in the Mattewan and other formations in the vicinity of Swedesboro and Mullica Hill.

The following officers of the Section for the ensuing year were elected:

<i>Director,</i>	.	.	.	.	.	Theodore D. Rand.
<i>Vice-Director,</i>	.	.	.	.	.	Benjamin Smith Lyman.
<i>Treasurer,</i>	.	.	.	.	.	Emma Walter.
<i>Conservator,</i>	.	.	.	.	.	F. J. Keeley.
<i>Recorder,</i>	.	.	.	.	.	Charles Schäffer.

Respectfully submitted,

THEODORE D. RAND, *Director.*